



WASHINGTON STATE DEPARTMENT OF
Natural Resources
Peter Goldmark - Commissioner of Public Lands

Application for Use of State-owned Aquatic Lands

Applicant Name:	Kittitas County Public Utility District No. 1
County:	Kittitas and Grant County
Water Body:	Columbia River
Type of Authorization - Use:	HB 1623 Easement – Aerial Transmission Line
Authorization Number:	51-083944
Term:	30 years
Description:	This agreement will allow the use of State-owned aquatic lands for the sole purpose of providing power to PUD customers. It is located on the Columbia River, in Kittitas and Grant County, Washington.

KITTITAS COUNTY PUD NO 1 Aerial Distribution Power Line Columbia River - Kittitas & Grant County



VICINITY MAP

Every attempt was made to use the most accurate and current geographic data as possible. However, due to multiple sources, scales, and currentness of the data used to develop this map Washington Department of Natural Resources cannot accept responsibilities for errors and omissions in the data. Furthermore, this data is not survey grade information and cannot be substituted in the place of an official survey. Therefore, there are no warranties that accompany this material.

Easement No. 51-083944

A-1 Aerial Distribution
Power Line

Coordinate System: Washington State Plane South
Projection: Lambert Conformal Conic
Datum: NAD83 HARN

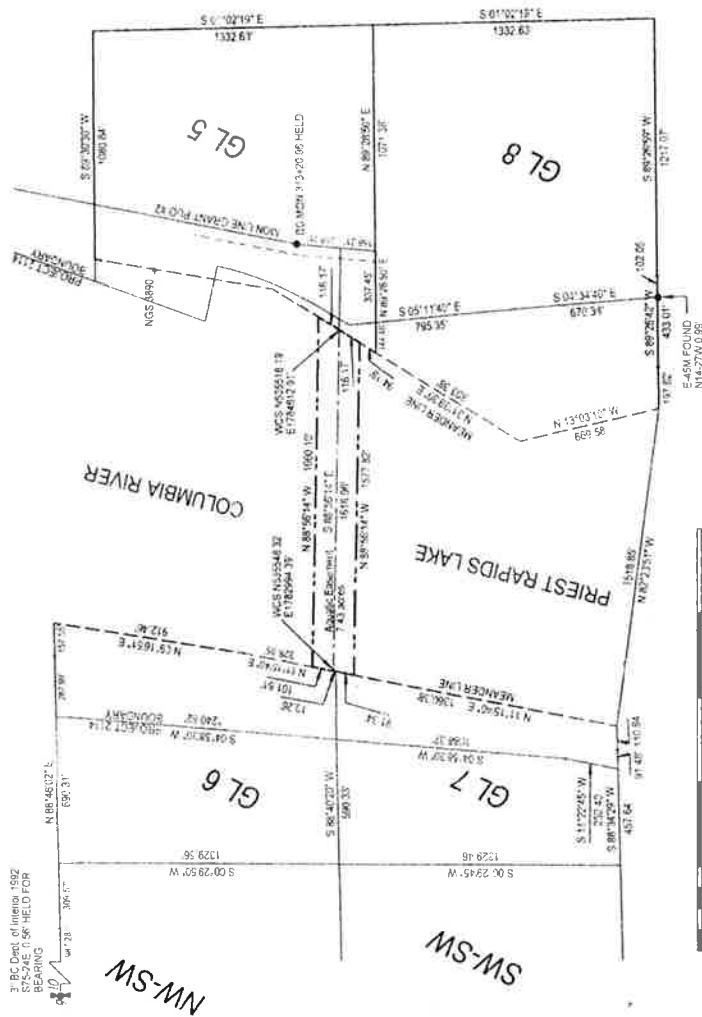
RECORD OF SURVEY

BETWEEN GL 5, 6 & 7 OF SEC. 10, T. 15N., R. 23E., W.M.

LEGAL DESCRIPTION FOR ONR AQUATICS EASEMENT, APPLICATION # 61-083944

An aquatic experiment for crossing purposes, as a portion of a utility easement, over Priest Rapids Lake of the Columbia River, situated between portions of Government Lots 5, 6, and 7, Section 10, Township 15 North, Range 23 East, Willamette Meridian, Grant and Kilbuck Counties, Washington. As said Lake is shown on Exhibit K, Sheet 11 of the Public Utility District No. 2 of Grant County Project, 2114, Priest Rapids Hydroelectric Project, drawing, signed March 30, 1964, which document is 116110a, basis of hearings.

The centerline of which begins in Grant County at a point on the Meander Line of said Government Lot 5 at Priest Rapids Lake (said point of beginning lying 188°56'14" W 286.79 feet from the beginning of said lot), easement 95, as described over United States Bureau of Reclamation and

[illegible][illegible][illegible]

BOB = BASIS OF BEARINGS PROJECT 2114 EXHIBIT K SHEET 11 HELD SAME FOR SUBDIVISION AND BOUNDARIES
HE: D MONUMENT 1312+20.06 AND BEARING TO 1/4 MON S 91/0

FOR WASHINGTON COORDINATE SYSTEM CONVERSION TIED NGS ID 3889 AND 3890, SEE NOTE

THIS SURVEY WAS PERFORMED WITH A 2-SECOND TOTAL STATION TO WAC 332 120 090 STANDARD

! = SECTION CONTROL AS NOTED
● = FOUND AS NOTED ALL MONUMENTS SHOWN WERE VISITED IN THE COURSE OF THIS SURVEY

NOTE WASHINGTON COORDINATE SYSTEM CONVERSION PER WSJ01 SR243 MONUMENT AT BRASS CAP WSDOT 1981
NAD 83/01 COMBINED FACTOR = 0.9999977 CONVERGENCE ANGLE = 0.000001

המחברת מודה לרבותן על סיוען במחקר זה.

[illegible]

NOT TO SCALE

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T1S1N R 23E 		1 of 1 SHEET	
ROBERT G. REYNOLDS, P.L.S. 802 COURT ST. PROSSER, WASHINGTON PHONE (509) 386-2753		108 ACRES DEAN COUNTY RECORD OF SURVEY #1 KITTITAS PLD #1 Blansburg WA 58926	
THIS MAP CORRECTLY RECAPSULATES A SURVEY MADE BY ME OR JAMES M REYNOLDS IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF WALT BOCKST A SEP 25/1958 2008		108 ACRES DEAN COUNTY RECORD OF SURVEY #1 KITTITAS PLD #1 Blansburg WA 58926	
DEAN COUNTY RECORD OF SURVEY #1 KITTITAS PLD #1 Blansburg WA 58926		108 ACRES DEAN COUNTY RECORD OF SURVEY #1 KITTITAS PLD #1 Blansburg WA 58926	

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Received

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D.N.R. Aquatic Lands

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
DOUG SUTHERLAND, Commissioner of Public Lands

APPLICATION FOR AUTHORIZATION TO USE STATE-OWNED AQUATIC LANDS

NO WORK CAN BE STARTED ON THE PROJECT AREA UNTIL A USE AUTHORIZATION HAS BEEN GRANTED BY THE DEPARTMENT OF NATURAL RESOURCES

I. SUBMISSION OF APPLICATION

Enclose a \$25.00 non-refundable application processing fee with the application. (This fee is not required for local, state, and other government agencies). This application form will be reviewed by the Department of Natural Resources upon receipt at the address given below. Applicants will be notified in writing if the application will be accepted for further review. However, this application may be rejected at any time before signed execution of a use authorization.

APPLICATION MUST BE FILLED OUT IN BLUE OR BLACK PEN

Please send the completed application form to your region land manager at:

Department of Natural Resources
[Region/District Address]

Aquatics Region/ Rivers District
601 Bond Road
PO BOX 280
Castle Rock, WA 98611
Attn: Cindy Preston Aquatics Natural Resource Specialist

II. APPLICANT INFORMATION

Date of Application: November 18, 2008

Authorization to be Issued To (how name is to appear in the lease document): Kittitas County Public Utility District #1, 1400 Vantage Highway, Ellensburg, WA 98926, (509) 933-7200, (509) 933-7190 (FAX)

Applicant's Representative: D Hittle & Associates, Inc., 7515 West Deschutes Ave., Kennewick, WA 99336, (509) 735-5350, (509) 735-5355, e-mail dha@dhittle.com

Relationship to Applicant: District's Electrical Engineering Consultant

Address: 1400 Vantage Highway	City: Ellensburg	State: WA	Zip Code: 98926
Telephone: (509) 933-7200	Fax: (509) 933-7190	E-Mail:	

FOR OFFICIAL USE ONLY

Support staff: Application Fee Received

JARPA Received

Date: 11-24-08

Land Manager: ☒ New Application; ☐ Renewal Application

Land Manager Initials: CR

Land Manager: Type: (20, 21, 22, 23, 31, 51)

Land Records: New Application Number _____; Trust _____; County _____; AQR Plate No. _____

II. APPLICANT INFORMATION cont'

Department of Revenue Tax *Registration Number (Unified Business Identifier) is Required: No. 91-6001032

Which of the following applies to Applicant (Check One and Attach written authority to sign - bylaws, power of attorney, etc):

Kittitas County Public Utility District #1 was created by petition and election of the voters in Kittitas County in accordance with the authority granted by the State of Washington. The District presently operates an electrical utility in Kittitas County.

Corporation ☐
State of Registration:

Limited Partnership ☐
State of Registration:

General Partnership ☐
State of Registration:

Sole Proprietorship ☐

Marital Community ☐
Spouse:

Government Agency ☒

Other ☐ (Please Explain:)

Has the site use been authorized before or is it currently under lease? Yes ☐ Lease Number:
No ☐ Don't Know ☒

III. LOCATION

The Body of Water on which the state property is located:
Columbia River

County in which the state property is located: **Kittitas and Grant County**

Government Lot: **5, 6 & 7**

Section: **10**

Township: **T 15 N**

Range: **R 23 E**

E ☒ or W ☐

Note: A legal property survey including the legal description and other information about the property is required to obtain a use authorization. WA DNR survey requirements are attached to this form. The survey plat will be attached to the lease/easement as Exhibit A. DO NOT HAVE THIS SURVEY CONDUCTED UNTIL YOU HAVE BEEN NOTIFIED IN WRITING THAT THE APPLICATION HAS BEEN ACCEPTED FOR PROCESSING.

Physical description of Project Area (For example, Marsh, Tideflat adjacent to the Chehalis River, etc.): The project area involves portions of the Columbia River within the Priest Rapids Hydroelectric Project Pool between River Mile 409 and 410. The project involves a power line crossing over the Columbia River with supporting structures located on upland properties on each side of the Columbia River.

Name of Owner(s) of Uplands, Shorelands, and/or Tidelands shoreward and adjacent to the Property: In Grant County the upland properties involve Washington State Department of Transportation State Route 243 and Bureau of Land Management (BLM) property. The BLM property is identified as Parcel Number 150163000. In Kittitas County the upland property involves orchard property owned by Auvi Fruit Company. The project in Kittitas County involves Parcel Number 15-23-10000-0005.

US Bureau of Land Management

Wenatchee Field Office

915 N. Walla Walla

Wenatchee, WA 98801

Attn: William Schurger Realty Specialist (509) 665-1200

Auvi Fruit Company

PO BOX 1301

Vantage, WA 98950

Attn: Del Feigal

Address:

City:

State:

Zip Code:

Phone Number:

Fax Number

E-mail:

Note: Except for property located within established Harbor Areas, proof of ownership, or authorization to use the adjacent tideland, shoreland, or upland property may be required. If the applicant is the owner of the adjacent land, attach a copy of the deed.

County Parcel No(s). for adjacent properties, upland, and/or adjacent tideland properties: Upland in Grant County- Parcel Number 150163000. Upland in Kittitas County- Parcel Number 15-23-10000-0005.

IV. USE OF PROPERTY

Describe, in detail, the proposed use of the Property:

Currently, the Kittitas County Public Utility District #1 (KCPUD) owns and operates a 13,200 volt aerial distribution line over the Columbia River at Sentinel Gap from Grant County to Kittitas County, Washington. The Grant County Public Utility District (GCPUD) delivers electrical energy to the KCPUD line from a GCPUD aerial distribution line on the Grant County side of the Columbia River. The energy is transferred on the KCPUD line across the Columbia River into Kittitas County to the KCPUD's voltage regulating station located within the orchards owned and operated by Auvi Fruit Company.

The original aerial lines and supporting structures on each side of the Columbia River were constructed in the 1940s. Due to the environmental elements and time, the condition of the wooden pole support structure on the Grant County side of the river has deteriorated to a point that the KCPUD considers the wooden structure a safety hazard to their line personnel that might have to climb and maintain the power line. The KCPUD also realizes that safety code changes, subsequent to the original construction of the line, require upgrading the line from a three wire to a four wire crossing. The KCPUD plans to replace both support structures and wires from the GCPUD point of delivery in Grant County to the KCPUD's voltage regulating station located in Kittitas County. The proposed construction involves replacing the two existing support structures with steel poles and replacing the three wire crossing with a four wire crossing using aluminum conductor steel reinforced (ACSR) conductor. The total length of the wire crossing is 2200 linear feet from the GCPUD point of delivery to the KCPUD voltage regulator station (See attached drawings for the Sentinel Gap Crossing Replacement, two sheets).

The foundation for each steel pole involves excavating and setting a reinforced concrete base. Guy wires and anchoring devices will be installed into the earth to resist the wire tensions and wind loads anticipated. The new ACSR

conductors will be pulled into position using the existing crossing wires thereby allowing the new conductors to be installed without involving construction on the river surface. Excavation at the two support structure sites will involve the construction of eight pole foundations (four at each project site), installation of anchors and removal of the existing wooden support structures. It is anticipated that the construction will disturb less than $\frac{1}{4}$ acre of ground from clearing or excavation ($\frac{1}{4}$ acre per project site).

KCPUD's future plans calls to transfer energy over this Columbia River aerial crossing at 115,000 volts to provide additional electrical capacity to Kittitas County. The KCPUD plans to permit and construct this replacement aerial crossing for 115,000 volt operation; however, the line will be operated initially at 13,200 volts. The design of this aerial line will also allow for communications cabling to be attached to the new conductors for public or private telecommunications purposes; however, no communication line will be install at this time on the conductors crossing over the river. Communications lines will not be installed at this crossing without a separate DNR permit.

Is or will the Property be subleased to another party? Yes ☐ No ☒
If yes, submit a copy of the sublease agreement.

What are the current and past uses of the site? See above for explanation of current and past uses.

Do you have any knowledge of contamination of the site by toxic or hazardous substances, or of past uses or practices that might have lead to contamination by such substances? Yes ☐ No ☒
If so, please explain:

Do you know if any fill material has been placed on the property in question? Yes ☐ No ☒
If yes, please explain:

V. IMPROVEMENTS

Physical improvements are structures placed on the land that cannot be removed without damage to the land. Examples of such structures include: pilings, dolphins, piers, wharves, piling-supported buildings, structures built on fill or concrete foundations, buried pipelines and cables, and support structures for bridges.

What physical improvements currently exist on the site? (Photos may be required.)

No physical improvements are planned by the KCPUD on or within the river. Power lines cross over the river. The supporting structures for the conductor, present and future, are permanent structures located upland from the river on BLM property in Grant County and private orchard property in Kittitas County.

If there are physical improvements currently on the site, who owns them?

Kittitas County Public Utility District owns the power lines over the river.

If there are physical improvements currently on the site, describe their condition:

The physical improvement over the river include three steel guy wires with one aviation marker ball on each wire equally distributed across the river. The wire crossing over the river seems in good shape. The wooden pole supporting structure in the Grant County has deteriorated and needs replacement. The wooden supporting poles in Kittitas County have been replaced (year unknown) and appear to be in good shape.

Which, if any, of the existing physical improvements will be removed, remodeled, or reconstructed?

The supporting structures in each county and the steel wires will be replaced.

Describe any physical improvements that the applicant is proposing to construct on the site:

The supporting structures in each county will be replaced with a four pole steel support structure. The wires will be replaced with four conductors the size and type of which are 334.4 kcmil Aluminum Steel Reinforced Conductor (ACSR). Each conductor will have three aviation markers (total of 12 markers on the crossing).

Has any fill material been placed on the site? Yes ☐ No ☒

If Yes, please describe:

VI. LOCAL, STATE, AND FEDERAL REGULATORY PERMITS Copies of all Government Regulatory Permits, or Permit Waivers Are Required Before Issuance of a DNR Use Authorization. Your project may require all or some of the following.

Please include the following permit applications, permits, or waivers with the application:

JARPA (Joint Aquatic Resource Permit Application) - This one form is used to apply for all of the following individual permits:

1. **Section 10 Permit** (Required by the US Army Corps of Engineers for any work in or affecting navigable waters, e.g., floats, docks, piers, dredging, pilings, bridges, overhead power lines.)
2. **Shoreline Substantial Development, Conditional Use, Variance Permit or Exemption** (Issued by Local Government, and is required for work or activity in the 100 year flood plain, or within 200 feet of the Ordinary High Water mark of certain waters; and which included any one of the following: dumping, drilling, dredging, filling, placement or alteration of structures or any activity which substantially interferes with normal public use of the waters.)
3. **Hydraulic Project Approval** (Required by the Department of Fish and Wildlife if the project includes work that will use, divert, obstruct, or change the natural flow or bed of any fresh or salt water of the state.)
4. **Section 404 Permit** (Required by the US Army Corps of Engineers if your project will discharge or excavate any dredged or fill material waterward of the Ordinary High Water mark or the Mean Higher High Tide Line in tidal areas.)
5. **Section 401 Water Quality Certification** (Required by the Department of Ecology if a Section 404 permit is required.)

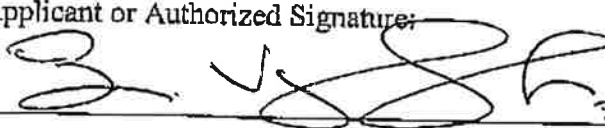
NPDES (National Pollutant Discharge Elimination System Permit) - Required by the Department of Ecology under delegated authority from the Federal Environmental Protection Agency for projects that include the discharge of fluid on or into surface water.

SEPA (State Environmental Policy Act) Checklist and Environmental Assessments - When you submit a permit application to any agency, if the project is not exempt, the lead agency will ask you to fill out an environmental checklist. Based on checklist answers and the reviewers knowledge of the project site, agency personnel will determine the types of impacts the project may have on the environment. The agency assessments may be the following forms: Determination of Nonsignificance, Determination of Significance, scoping documents, draft or final Environmental Impact Statements (EIS) or others prepared for the purpose of compliance.

Describe any habitat mitigation required by any of the permitting agencies identified above and identify where such mitigation is proposed to occur:

No mitigation is required by the permitting agencies at this time.

All answers and statements are true and correct to the best of my knowledge.

Applicant Name (please print): KITITAS COUNTY REBULUTIONARY DISTRICT #1	Title: ENG. MANAGER
Applicant or Authorized Signature:  BRIAN JOSBURY	Date: 11/10/08

**STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES
REQUIREMENTS FOR RECORDS OF SURVEY FOR LEASES AND
EASEMENTS**

Records of Survey are required for easements and leases granted by the department for:

- County roads
- Highways
- Easements across high value lands
- Easements across transition lands
- Utilities
- Upland leases
- Communication sites
- Other grants as determined by the department based upon site specific considerations
- Drainage or irrigation easements
- Railroads
- Aquatic land uses: exemptions are provided for recreational docks and mooring buoys per RCW 79.105.430 and for those permits issued as a Right of Entry

The applicant is responsible for:

- All costs and work associated with creating, submitting, revising and recording the Record of Survey
- Submitting a preliminary Record of Survey for review and approval by the department prior to approval of the agreement.
- Recording the final Record of Survey with the county auditor's office.
- Submitting a digital copy in AutoCAD.DWG or DXF (drawing exchange format) of the final survey.
- Submitting two full size copies and one 8 1/2 X 11" copy and of the recorded survey including the auditor's recording information to the department.

A Record of Survey must:

1. Be produced by a licensed surveyor.
2. Meet the requirements of Title 58 RCW and Chapter 332-130 WAC.
3. Include the name of the applicant, the purpose of the easement or lease and the DNR easement or lease number.
4. Clearly show easement or lease boundaries with distances and directions of all boundary lines.
5. Show the easement or lease area to an accuracy of (\pm) 0.5% of the total area or (\pm) 10 square feet, whichever is greater.
6. (Not required for aquatic lands lease across the bed of Puget Sound or the Pacific Ocean) Indicate the acreage encompassed by the lease or easement within each quarter-quarter section or government lot.
7. Show distances and directions from two or more controlling corners of a recorded subdivision, recorded survey or government survey (GLO) corners.